



MEMORANDUM

FILE:WC/60-0-25 WAC

DATE: October 10, 2002

TO: Water Advisory Committee

FROM: Cordel Stillman, Water Agency Principal Engineer
Jay Jasperse, Deputy Chief Engineer

SUBJECT: Status of SCWA Water Supply Projects – October 2002

South Transmission System Project

Environmental review of several pipeline alignments and multiple tank sites is in progress. A geotechnical investigation of the alternative tank sites will begin in late October. A Draft Environmental Impact Report (EIR) is expected to be finished in late Fall of 2002. The Final EIR is expected to be completed in spring/summer of 2003. Detailed design of facilities and right of way acquisition will begin upon certification of the final EIR. Construction of this project is expected to take place over several years beginning in 2005/2006.

Eldridge – Madrone Pipeline

The Initial Study and Mitigated Negative Declaration for this project were approved on May 14, 2002. Agency staff are initiating detailed design and right of way acquisition activities. A geotechnical investigation of the alignment will begin shortly. Construction of this project is expected to take place in late 2003.

Collector No. 6

Installation of the caisson and conventional laterals has been completed. Pump testing has also been completed. An amendment to the consultant agreement for the Enhanced Lateral Pilot Study was approved by the Agency's Board in July 2002. This amendment included a modified installation method and a restructured payment schedule. The new payment schedule will specify a performance based payment structure. The amendment did not request funding beyond what had already been approved by the Board. A further amendment to the agreement was approved by the Board on September 24, 2002. This amendment addresses modifications to the agreement regarding intellectual property rights. The pilot study is expected to recommence on October 19, 2002.

Bids were received and opened for the Collector 6 Pumphouse and Pipeline Project on May 23, 2002. The contract was awarded to C.R. Fedrick on June 25, 2002. Work associated with the pumphouse is expected to continue to early 2004.

Wohler Substation and Emergency Generator Replacement

Both new substations are in place and operational. The emergency generators are in the start-up and testing phase. During testing it was discovered that a transformer in the generator system was incompatible with the substations and is being replaced. When operational, the three generators will allow the operation of up to 6 pumps at Wohler and Mirabel in the event of a power failure.

Kawana Pipeline East

The majority of the pipeline for this project has been installed. Testing and disinfection of the line will begin in mid to late October 2002. The pipeline is expected to be operational in late November 2002.

Ely Booster Pump Station

Design work on this project has begun. Right of way negotiations and environmental review are in process. Right of way acquisition will begin once an environmental document is completed. Construction is anticipated to begin in the summer of 2003.

Kawana Tank No. 2

Design on this project will begin in mid to late October.

Wohler-Forestville Pipeline

This pipeline will connect the Santa Rosa Aqueduct and the Russian River-Cotati Intertie in the area of Wohler and Mirabel. It will allow greater operational flexibility and redundancy to the water transmission system. The project design is at approximately 90% and advertisement for construction is anticipated this winter. Staff is currently in the process of obtaining necessary environmental permits and right of way for the project. Pending resolution of these issues construction could take place in the summer of 2003.